

666.76.764.669.1

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In given clause the opportunity of replacement liquid formaldehyde of pitch of import manufacture on pitch of the Ukrainian manufacture is considered by manufacture magnesia-carbon refractors . The opportunity of increase of the operational characteristics magnesia-carbon refractors is confirmed by modifying formaldehyde of pitches both import, and Ukrainian manufacture, silicon-organic by connection.

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[1].

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[2].

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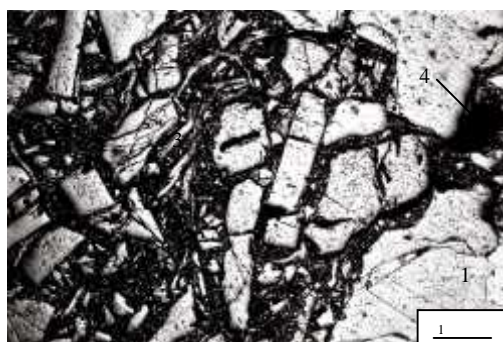
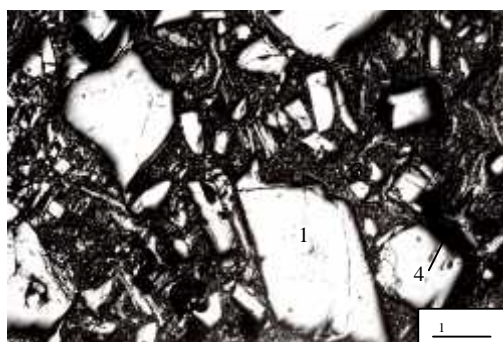
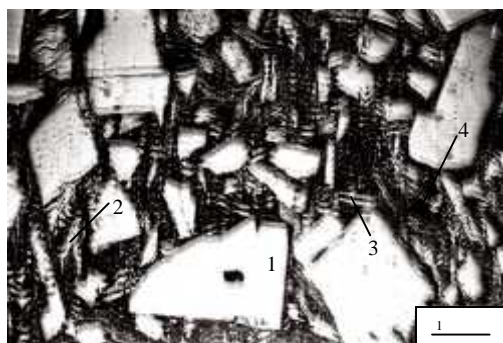
1

		„ / 3	„ %	σ ,	σ „,
1	1 ()	2,7	16,2	12,4	25,8
2	2 ()	2,70	15,7	11,9	19,0
3	3 ()	2,8	14,7	21,2	31,6

gO-

3

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 (. 1) ,
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 3 (. 1) , -
 (> 75 %), 1 (. 1) (50 – 75 %)
 2 (. 1) (30 – 50 %), .
 3.



1. :
 – (1);
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 1 – ; 2 – ; 3 – ; 4 –

[3, 4].

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(. 2).

2

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		%				
			/ 3	%	σ	σ
4	3	0,5	2,85	10,5	26,6	47,6
5		1	2,89	7,3	28,0	42,0
6		1,5	2,90	7,0	18,2	53,2
7	1	0,5	2,87	9,8	23,0	27,4
8		1	2,84	10,9	23,2	48,1
9		1,5	2,84	9	30,2	43,7

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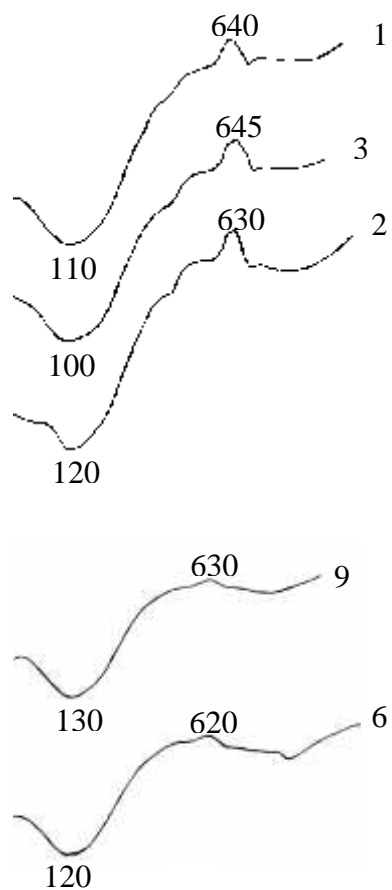
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SiO₂

SiO₂

1,45 [5].



2. :
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 1, 2, 3, 6,9 — (. 1 2)
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		. . .	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	
4	3	7.30	0.86	2.40	0.74	0.44	87.9	6.62
5		6.24	0.88	2.97	0.72	0.73	88.1	5.70
6		6.50	0.97	2.77	0.79	0.15	88.4	5.89
7	1	7.30	0.88	2.82	0.79	0.36	87.4	6.81
8		6.12	1.00	2.92	0.79	0.36	88.5	6.00
9		8.00	1.14	2.87	0.66	1.16	85.8	7.21

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 2005. – 27. – . 51-56. 5.
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04.08.07